

Bridge Engineering Lecture

Name _____

Lecture Note sheet:

1. The Tacoma Narrows Bridge Collapse (slide 7)
2. Galloping Girtle allows us to understand the engineering of a suspension bridge structure. Simply stated: how is a suspension bridge made? (slide 8 & 9) [You can use videos from the web to watch the bridge collapse, just use the search term "galloping girtle".]
3. Bridge Statistics: _____ feet long and _____ feet wide. (slide 10)
4. Draw the side view of the bridge as it first begins to vibrate. (slide 11 & 12)
5. Draw the side view of the bridge as vibrations increase and it starts to "gallop". (slide 13)
- How can the wind make a bridge vibrate? (slide 18)
6. Draw the side view of the bridge after it failed. (slide 20)

Bridge Engineering Lecture Notes

**Mansfield Merriman, Henry Sylvester
Jacoby**



Bridge Engineering Lecture Notes:

Unveiling the Magic of Words: A Overview of "**Bridge Engineering Lecture Notes**"

In a world defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their power to kindle emotions, provoke contemplation, and ignite transformative change is truly awe-inspiring. Enter the realm of "**Bridge Engineering Lecture Notes**," a mesmerizing literary masterpiece penned with a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve in to the book is central themes, examine its distinctive writing style, and assess its profound effect on the souls of its readers.

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